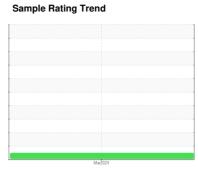


FUEL REPORT

Carilion Roanoke Community Hospital [4597] [Carilion Roanoke Community Hospital] DT2

Diesel Fuel



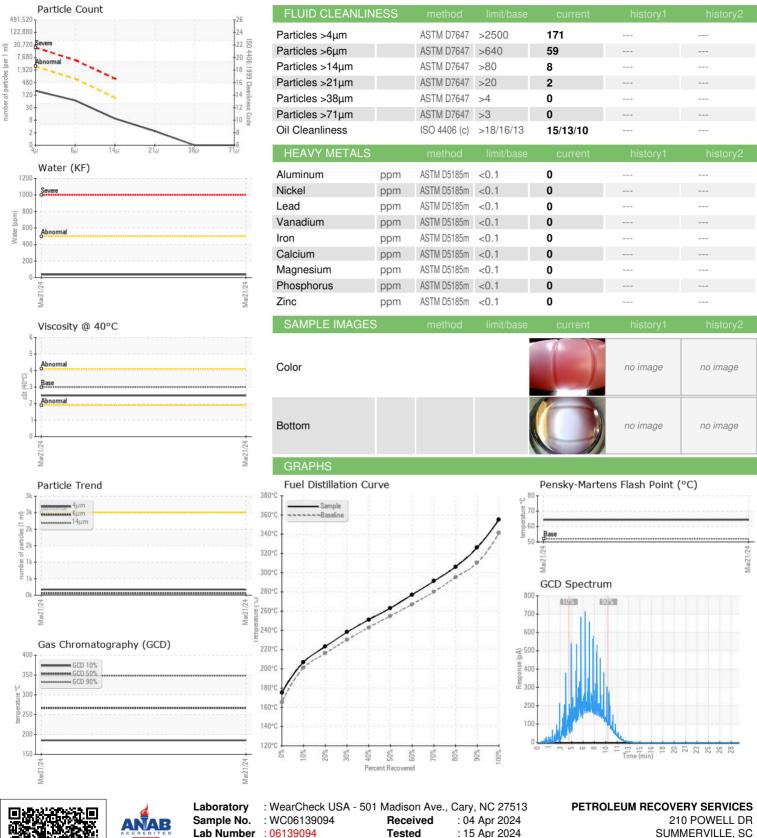


No.2 DIESEL FUEL (ULTRALOW SULPHU	JR) (100 GAL)				Mar2024		
DIAGNOSIS	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		WC06139094		
No corrective action is recommended at this time.	Sample Date		Client Info		21 Mar 2024		
All laboratory tests indicate that this sample meets	Machine Age	hrs	Client Info		0		
specifications for No.2 low-sulfur diesel fuel.	Sample Status				NORMAL		
Corrosion All metal levels are normal indicating no corrosion	PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
in the system.	Fuel Color	text	*Visual Screen	Yllow	Red		
Contaminants	ASTM Color	scalar	*ASTM D1500		L4.0		
The water content is negligible. There is no bacteria	Visc @ 40°C	cSt	ASTM D445	3.0	2.49		
or fungus (yeast and/or mold) indicated in the sample. There is no indication of any contamination	Pensky-Martens Flash Point	°C	*PMCC Calculated	52	64.4		
in the fuel. The amount and size of particulates present in the system are acceptable.	SULFUR CONTE	NT	method	limit/base	current	history1	history2
Fuel Condition	Sulfur	ppm		10	344		
Sulfur value derived by ASTM D5453 method for	Sulfur (UVF)	ppm	ASTM D5453		270		
ULSD validation.	DISTILLATION		method	limit/base	current	history1	history2
	Initial Boiling Point	°C	ASTM D86	165	175		
	5% Distillation Point	°C	ASTM D86		197		
	10% Distill Point	°C	ASTM D86	201	207		
	15% Distillation Point	°C	ASTM D86		215		
	20% Distill Point	°C	ASTM D86	216	223		
	30% Distill Point	°C	ASTM D86	230	238		
	40% Distill Point	°C	ASTM D86	243	251		
	50% Distill Point	°C	ASTM D86	255	263		
	60% Distill Point	°C	ASTM D86		277		
	70% Distill Point	°C	ASTM D86		291		
	80% Distill Point	°C	ASTM D86	295	306		
	85% Distillation Point		ASTM D86		316		
	000/ Diatill Daint	00	ACTM DOG	210	206		

50% Distill Point	°C	ASTM D86	255	263		
60% Distill Point	°C	ASTM D86	267	277		
70% Distill Point	°C	ASTM D86	280	291		
80% Distill Point	°C	ASTM D86	295	306		
85% Distillation Point	°C	ASTM D86		316		
90% Distill Point	°C	ASTM D86	310	326		
95% Distillation Point	°C	ASTM D86		342		
Final Boiling Point	°C	ASTM D86	341	355		
IGNITION QUALIT	ГҮ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	36		
Cetane Index		ASTM D4737	<40.0	48		
Cetarie index		A31W1D4737	<40.0	40		
CONTAMINANTS		method	limit/base	current	history1	history2
	ppm				history1	
CONTAMINANTS		method	limit/base	current	history1	
CONTAMINANTS Silicon	ppm	method ASTM D5185m	limit/base <1.0	current 0		history2
CONTAMINANTS Silicon Sodium	ppm ppm	method ASTM D5185m ASTM D5185m	limit/base <1.0 <0.1	current 0 <1		history2
CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m	limit/base <1.0 <0.1 <0.1	current 0 <1 0		history2
CONTAMINANTS Silicon Sodium Potassium Water	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D6304	limit/base <1.0 <0.1 <0.1 <0.05	current 0 <1 0 0.003		history2
CONTAMINANTS Silicon Sodium Potassium Water ppm Water	ppm ppm ppm % ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304	limit/base <1.0 <0.1 <0.01 <0.05 <500	current 0 <1 0 0.003		history2
CONTAMINANTS Silicon Sodium Potassium Water ppm Water % Gasoline	ppm ppm ppm % ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 *In-House	limit/base <1.0 <0.1 <0.1 <0.05 <500 <0.50	current 0 <1 0 0.003 36 0.0		history2



FUEL REPORT







Certificate 12367

Lab Number : 06139094 Unique Number : 10963902

Tested Diagnosed

Test Package : DF-2 (Additional Tests: Fuel, Screen) To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

SUMMERVILLE, SC US 29483

Contact: AJAY EL Ajay@prsfuel.com T: (843)225-1777

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

: 15 Apr 2024 - Doug Bogart

Report Id: PETSUM [WUSCAR] 06139094 (Generated: 05/27/2024 14:41:46) Rev: 1

Contact/Location: AJAY EL - PETSUM